

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [17081] 15 meters (2230 UTC)/10, April 1997
Message-ID: <19970410.161103.4503.0.wa5whn@juno.com>

QRP-Lers,

VK2's & CE2's coming through on 15 meters right now, into New Mexico (DM65). The VK2's are S-7 to S-9. If it is this good now, WOW !!! Let's hope it stays like this for QRPTTF in 15 days. That one real time MUF graph, via the internet, seems to be real close. Oh, and a few ZL's are up in the Novice/Tech portion of 15 meters too.

Every one ready for 12 meters ? What's the Intergalactic & Galactic Monitoring Freq. on 12 meters for QRPers ?

72...Jay, WA5WHN DM65qd
<http://www.flash.net/~w5bi/>

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Carol N. Wright" <cnw@HiWAAAY.net>
Subject: [17078] 1N4001
Message-ID: <Pine.OSF.3.94.970410185418.24019D-1000000@fly.HiWAAAY.net>

Hey Gang,

I am wondering if it is okay to substitute a 1N4003 or a 1N4004 for the 1N4001. The 1N4001 is a 1A 50 PIV diode while the 1N4003 is a 1A 200 PIV diode and the 1N4004 is a 1A 400 PIV diode. So can I sub for the 1N4001 with the 1N4003 or the 1N4004. The diode is being used in the L0 of the GM-20. Mine was missing but I told Dave not to worry about it. I couldn't get myself to have someone send me a part through the mail when I probably had one in my junk box.

Well I didn't have one, but I had these other two that I am wondering if I can sub in. If not I can get 2 of those 1N4001's for \$0.49. So not bad at all. I was just wanting to go ahead and test out my GM20's L0.
Thanks in advance. Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Carol N. Wright" <cnw@HiWAAAY.net>
Subject: [17094] 1N4001 Many thanks!

Message-ID: <Pine.OSF.3.94.970410214505.27405G-100000@fly.HiWAAAY.net>

Hey Gang,

Many thanks for all of the replies telling me and filling me in on the 1N4001 devices. I didn't get one in the package of my GM20 and I told Dave to not worry about it, although he was going to send me one. So I said hold on, let me look in my junk box. I didn't find the 1N4001, but a 1N4003 and a 1N4004.

It is labeled D9 in the GM20 schematics. So with thanks to everyone on the list, I am saving \$0.49 on a package of 2 from Radio Shack. Smart shopping, I think so. This is what a junk box is made for. Never know what you have until you look. Thanks again for coming through like always Gang. Best 72/73 DE Matt, AE4JM

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JCARC--ARCI 9178--ARRL--ARRL ORS--Ten Ten 66932--VP 2855--WAS
Matt Wright, ph. (205)228-6547, packet: AE4JM@K4BFT.#HSV.AL.USA.NA
email: cnw@HiWAAAY.net snail mail:8679 Co. Rd. 19, Section, AL 35771
Rigs built: Ramsey mini rcvr-40mtrs, NC38S, SW30-40, NC49'er, NC40A with KC1

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
Subject: [17164] 38 Special & 12 MHz BC
Message-ID: <M221864.019.hw9eg.1.970411223927Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Ahh.... The 38 special has the same problem that I have had with several of my homebrew rigs: The IF frequency is smack on top of a very powerful SWBC station.

It is a dead giveaway that you have IF bleed through when you hear the same one station everywhere you tune within the band. If you hear several such stations at once, you probably have a DC receiver with front end overload and AM detection.

The main problem is that the signal is coming straight from your antenna and is bleeding through the front end (not difficult with only a single tuned circuit) and the front end mixer (also not difficult).

Just consider for a moment that you are trying to listen for QRP type signals with an interferer pumping out many megawatts.

The best way to solve this problem is to keep the signal out of the front end. This means more front end selective or traps or both.

I have overcome this problem in my previous rigs that have had this problem (30m rig with 6.176 MHz IF [England's BBC], and 40m 38 special with a 5 MHz IF [WWV]) by adding an additional stage of selectivity in the front end (double tuned) and on top of that, adding a IF frequency series tuned trap (12 MHz in this case) to ground.

Like I said, I have tried this trick twice, and although it is ugly, it does work.

As the sun spot cycle kicks into gear, and 12 MHz SWBC start showing up more often, this might become more and more of a problem.

- Dan Tayloe, N7VE, Phoenix, Az, QRPL # 696, Az ScQRPions

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [17099] 5 Watt Press
Message-ID: <199704110331.VAA25234@lynx.csn.net>

Re recent comments on the subject of 5 Watt Press and the Data Book-- I brought them to the attention of Rich WOHEP who is 5 Watt Press.

Rich doesn't subscribe to QRP-L so he asked me to let you know that he is now in a better position to sort things out, so please let him know if you have any unresolved issues with 5 Watt Press. You can right to him at qrpbook@aol.com, and please include your callsign and your mailing address.

73
Marshall Emm, AA0XI

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [17110] 50/40/30 results from KM7W -- Tennessee
Message-ID: <3354c6ec.40912284@smtp.usit.net>

Well, ladies and gents (do we have any ladies here, btw? I know we used to ...) my re-introduction to serious HF operations is now completed, and all I can say is *WOW*, what fun!

The story begins Wednesday with a quick trip to Poplar Bluff, Missouri, to meet another ham. He wanted my laptop, I wanted his Yaesu FT707. We swapped stuff, and I headed back the 2 1/2 hours to my humble Tennessee delta home ...

When I got back, of course, I knew I had a bit of work ahead of me. There is always connectors and adapters that are required for new equipment. But, I had to pick up my daughter at school, etc. Plus, I have a raging cold. I'll get the stuff tomorrow.

Thursday, I managed to drag myself up and made it to Radio Shack around 2:00pm. Got some audio cable, connectors, etc., along with some heat shrink. Need to make up a cable for the headset and boom mic. Even though I don't use the mic, I wanted the cable.

Oops. 2:45pm. Time to pick up daughter. around 4:00pm I finally got to work on the cable. This is a custom job, one end has 1/4"mono plug and 8-pin mic connector, the other will have three jacks -- headphones, mic, and PTT switch.

By 6:20pm, I was sweating ... just putting the first jack on, after struggling with cable ties and heat shrink (premade 5-conductor wire, shielded, is an expensive proposition!). Then, a chatty recruiter calls from Atlanta with news of interest from a company. We talk for 35 minutes or so, knowing that I have a schedule to keep at 7:00pm, but also knowing that potential jobs take priority.

I had 5 minutes. Clear off the shack table (i.e., kitchen table). Thanks for the pasta, dear, but I can't right now -- give me some time. Hook up a dummy load quickly and set the power out to 4 watts.

I was 2 minutes late on 30. This FT 707 has a really wide filter. The book says 800Hz. I didn't know so many signals could fit in such a tight space! Couldn't find a place to start up. Considered getting out the Radio Shack DSP, but that would take 20 minutes. Better just use the "Width" and "Clar" controls I have.

Noise is at S-6 to S-7. This is *not* going to be fun. But the band sure is crowded. Signals at +10 aren't uncommon. Some DX, but not much, I'm just looking for a clear spot to blast the RF out of the finals!

Several Qs in the log now. Memory keyer is a lifesaver. Watching power meter, though, the indication is funny -- 4 watts, then 1 watt, then 20 watts, then 1, then 4 -- you get the idea. Uh oh. I should have picked up the heathkit wattmeters while I was out at my

mom and dad's yesterday. This semi-break in keying is irritating. I sort of like the QSK on the 38 special better, even with the thumps!

(Note: I later got a report of chirp on my signal on 30 meters -- I suspect the wattmeter, but I'm really interested if any of my contacts heard a chirp on 30, as well as 40).

Time to move to 40. Take the time to remove the wattmeter. The noise skyrockets to S-9! 800 Hz won't cut it -- next time the DSP goes in line. Need that 250 Hz level.

Still no clear frequencies. Tried 7.117, made a couple of Qs, then moved to 7.112 and edged my way into a spot. It's really difficult to hold a frequency at 5 watts. Some actually said "QRL" before sending, but never heard my frantic morse-crys of "YES! YES!". So I'd drop a few hertz.

Toward the end of the shift on 40, around 0330 Z or so, W6DDB fires up. I don't know this guy, or where he is, but I promise his signal was at least 10kHz wide. I heard him from 7.110 to 7.120, S-9, no difficulty at all. Except I was trying to stay on 7.112!

But everyone tuffed it out with me, and I managed 2 Qs through the QRM. Thanks folks! This was a BLAST!

Now, to the boxscore:

30 METERS

Time	Call	RST	Name	S/P/C	Power
0006	KT4KC	539	Rick	NC	3
0015	WA1QVM	549	Joel	MA	5
0028	N5CLU	559	Steve	KS	2
0037	WA8LCZ	559	Byron	MI	5
0044	KS4HQ	579	Bob	NC	5
0050	K8CV	449	Walt	MI	2
0054	W5FN	569	Tim	TX	5
0115	WA3BHM	579	John	PA	QRO 100
0120	NG0M	599	(Busted Contact -- QSB/QRN)		
0130	N1TGZ	599	Greg	FL	5
0140	K0EVZ	559	Doc	MN	2
0150	N7GSP	449	Mal	MT	2

11 completed Qs, 10 x2 QRP, 9 States (8 new ones on 30!)

40 METERS

Time	Call	RST	Name	S/P/C	Power
0218	N9DAW	459	John	IN	5
0243	KB8NOG	569	Bob	OH	8 (does this count?)
0253	K4GT	539	Jim	GA	3
0301	N4ROA	599	Dan	VA	5
0312	KF4MSS	599	Jesse	SC	QR0 75
0329	KB0SZG	579	Ron	CO	5
0342	KB2BIC	539	Ric	MA	4
0355	WB2LJG	569	Nate	FL	4

8 Qs, 6 x2 QRP, 8 States (7 new ones on 40!)

Total Summary, both bands:

19 Completed QSOs
 16 x2 QRP
 15 States, 13 New States (all bands)

Thanks, folks ... it's a blast.

Cards will be going out tomorrow or Saturday. PLEASE hold off sending yours -- my callbook address is OK, but I'd prefer responses to the address on my card. Thanks!

72 es 73 de=20
 Marty, KM7W

 Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
 "The Curmudgeon's Corner"
 NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
 ~~~~~

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997  
 From: RFMooreJr@aol.com  
 Subject: [17120] 9MHz Xtals Source?  
 Message-ID: <970411093658\_1055601595@emout04.mail.aol.com>

Wonder if anyone knows a source for 9.0 MHz xtals suitable for filter building. OHR had a matched XTAL kit a few years ago (but not now) which I used for a nice CW filter --- now I want to complement that with a broader one. Yes, I could change the whole IF chain up or down to a popular computer XTAL but thought I'd try the easy way first.

Tnx

Bob Moore KV1V (impressive stepdown transformer)  
RFMooreJr@aol.com

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997  
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>  
Subject: [17077] ARCI QSO PARTY TEAM  
Message-ID: <334D7AF2.5A60@swbell.net>

Howdy from Texas!

Well I would hate to go to the school dance and no one else showed up. So just to give the 'Southern Brass' boys something to shoot for and to put a bit of competition into the contest, we have put together a little team effort of our own. I can't be for certain but I think all of the members have at one time or another operated in a contest, maybe. I remember my first contest. It was a three legged sack race at the church social back home in the Blue Ridge Mountains of Va. We placed a respectable 4th.

Introducing the 'Yahoos' :

K0FRP AL  
N0UR JIM  
K10J OJ  
N4ROA DAN  
K5FO CHUCK

Looking forward to a weekend of radio! Join in and have fun!  
CU---OJ---K10J  
HOUSTON, TX  
QRP-L 732  
..

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997  
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
Subject: [17134] Bencher BY2 paddles - sold  
Message-ID: <9704111634.AA24602@wizard.ucs.sfu.ca>

That paddles have a new home. Thanks to all those who enquired.

cheers, Paul  
VE7CQK  
email: paul1@wizard.ucs.sfu.ca

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [17105] buffalo chips  
Message-ID: <8D5A563.00040021FA.uuout@cheaha.com>

-> Oh Darn it! I really wanted to see that buffalo chip flipping  
-> championship! heh heh.

Ain't never had buffalo around here in south Alabama...well, there was a couple up the Montgomery highway but that's a different story. Anyhow, I can remember as a young boy having "cow-paddy" fights. The good "paddies" were the ones that held together good as you threw them but began breaking up just as they got to their target....really made the target start scrambling.<grin>

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

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+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
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> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997  
From: Bob Reynolds <breynold@sigg.com>  
Subject: [17121] buffalo chips -Reply  
Message-ID: <97Apr11.085536cdt.19684@firewall.sigg.com>

>>> ED WELCH <ed.welch@cheaha.com> 04/10/97 11:59pm  
>>>

-> Oh Darn it! I really wanted to see that buffalo chip flipping  
-> championship! heh heh.

.

Anyhow,

I can remember as a young boy having "cow-paddy" fights.

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We used them as bases for baseball. I still remember sliding into second when the "base" wasn't totally cured.

73, red K5VOL

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997  
From: Jerry Brown <jmbrown@edge.net>  
Subject: [17163] Cal Tech Course Book EE20  
Message-ID: <334EBDFC.7A5B@edge.net>

For all of you who've heard about the Nor Cal 40A going to college...well, it has done so in fine form. A preliminary scan of the EE20 course book written around the 40A (THE ELECTRONICS OF RADIO), which is at least an inch thick, compliments all those who have been involved with Nor Cal 40A and its Wilderness Radio incarnation... Burdick, Cates, Hendricks, Dyer, Parker and, I'm sure, many others. It makes me wish I could go to engineering school all over again, I think.

Congratulations to the above and to Dr. David Rutledge at Cal Tech.

Jerry, N4EO

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [17144] CORRECTION Re: 50/40/30 results from KM7W -- Tennessee  
Message-ID: <335276e6.37707194@smtp.usit.net>

On Fri, 11 Apr 1997 06:10:26 GMT, mdwatt@usit.net (Marty Watt)  
wrote:

>30 METERS

...

>0150            N7GSP        449 Mal        MT            2

This should be N7GS. Condx were pretty bad, and I think he sent /QRP, which got translated as N7GSP -- incorrect! Had to hear the call several times to try to copy information. My apologies, Mal.

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Stanley Wilson <microres@crl.com>
Subject: [17146] Crystal Sources
Message-ID: <Pine.SUN.3.91.970411112113.13955A-100000@crl6.crl.com>

Any suggestions for a reasonable cost source for HC-25/U xtals.

I need to order a 5410.5 khz in a HC-25/U holder.

Thanks, Stan AK0B

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Stanley Wilson <microres@crl.com>
Subject: [17085] Double D Antenna - G3LDO
Message-ID: <Pine.SUN.3.91.970410182204.2389A-100000@crl8.crl.com>

Does anyone have experience using the Double D. I think Peter Dodd developed it. Or least wrote it up in SPRAT.

Two wire beam with the ends doubled back to fit in a small space.

Looks like it might be fun to try on 30 or 17 meters. Wonder if it is worth the trouble to build up one.

de stan ak0b

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [17088] Filter from Heaven

Message-ID: <19970410.183839.7727.1.kb0rol@juno.com>

I found a filter for my TS-830S, I can't believe how great it works. I tune in a poor signal (kind of like a FOX hunt signal) and flip on the filter. With a little adjustment to the tuning and band width I end up with a CW signal and nothing else. Its GREAT.

I had to tell someone, my wife just says "That's Nice Dear" and gives me one of her, some boys will never grow up looks then fixes me some cookies and milk.

If you don't have a filter for your rig, get one.

de KB0ROL, Brad

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Jerry La Pere <jerrylapere@citynet.net>
Subject: [17098] filters in general, beginner QRP kits
Message-ID: <334DAE0B.62@citynet.net>

I own a Kenwood TS450 that one can buy additional filters for (that I have not done at this date) but purchased a DSP unit from Kenwood and I have a DSP unit from timewave technology. While I know that the DSP units work on the audio signal coming from the radio, why would there be a need for using the internal filters if you have a DSP unit? Perhaps what I am trying to ask is how the internal filters operate differently than the filters in the DSP?

Also, I am building my first QRP transmitter, a Ramsey QRP-80, because I wanted to build something myself that in case I goofed up on I would not be out \$100 or more for a better kit. My skills are limited (another reason why to go with a cheap kit at first). When I get this transmitter finished, I would like to give it to my daughter or son and then go on to a better kit but one that does not require surface mount technology skills--after all, I'm just starting. I would like a kit that has a decent size board that has good performance that would be in the \$100-\$150 range but does not require anything more than a soldering iron and a DVOM to put together. Can you help me with a few suggestions? I have ordered literature from 5-6 QRP kit businesses but it seems that the skills that are needed to put some of these kits together is beyond my abilities at present. Any suggestions that you have would be greatly appreciated.

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: Jim Kornacki <jkorn@palmetto.net>
Subject: [17145] Good DX
Message-ID: <334E9E58.78C5@palmetto.net>

I turned on the rig around 1715 and heard EM1HO on 28.017. I'm guessing this is an Antarctic station since it's been 4 years since I've heard Europe on 10 meters (I'm not a big DXer). Tried to work him with 5 watts; he copied my prefix fine and then gave up so I wimped out, kicked in the afterburners, and worked him with 100 watts. Soon after I heard him QSY and found him down on 21.025 with a much weaker sig (he was 579 on 10m). He kept calling CQ with no takers and I kept sending my call running 5 watts. On about my 15th attempt he came back and gave me a 599 (yeah right!) Anyone know where this guy is?

--

Jim Kornacki, KS4DU Jackson, SC jkorn@palmetto.net
QRP ARCI # 9246 KnightLite

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: rerobins@unccvm.uncc.edu (Rick Robinson)
Subject: [17117] HW-8 Handbook
Message-ID: <v02130502af73aa6781bd@[152.15.144.13]>

John Sielke asked about the availability of Mike Bryce's "HW-8 Handbook".

Mine is the First Edition 1991. I seem to recall seeing either a second edition or a second printing of the first edition advertised recently. Can anyone verify this?

Either way it's available from:

Mike Bryce WB8VGE
P.O. Box 508
Massilon, Ohio 44648-0508
USA

Email: 73357.222@compuserve.com

It's well worth the \$10 or so to anyone with an HW-7,8 or 9.

72,

Rick kf4ar

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "JOEL DENISON" <jdenison@morelr.com>
Subject: [17123] impossible at qrp levels
Message-ID: <19970411101233.1da87bb7.in@master>

Hello to all the rowdy group:

I was thinking about a recent article in qst called why qrp (I think) and got to laughing a bit. \

I just got through talking (cw) to k2ofm for over an hour. He was running thirty watts and I was using 4 watts.

I don't see why some folks persist in the belief that qrp is pain and strain on the non qrp station. I got a 579 report and held it for the entire qso. Paul (at 30 watts) was over s9 the entire qso.

In fact I just glanced through my log and saw that most of my reports were 5x5 or 4x5 with a splattering of the spectrum for others. I would say not that much different from any qro log on the readability of my signal.

What I can say is that I believe my log book has more "fun" in the contacts than most qro stations. One thing the log does is show where I tried some wire beams and other "better than dipole" antennas. (more 5x8 reports)

One happy displaced Cajun, from south Louisiana just waiting for the SNEAUX to stop. Please Neaux Meaux SNEAUX :-) JOEL 72 & 73

God Bless
Joel

WA5CVM

Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - high start)
81 High street	40 mtr dipole up 40ft
Farmington, Maine 04938	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Mike Siegel" <ki6pr@msn.com>
Subject: [17138] Index &^ SGC Support - C'mon, folks!
Message-ID: <UPMAIL05.199704111704280521@msn.com>

I honestly can't believe the goofy egocentric attitude of this group!

All this whining and gnashing of teeth, over whether anyone at SGC was reading our concerns over the QRP+....as if those of us on this reflector made up the entire world of QRP.

Let's face it - no matter what aspect of ham radio you look at, less than 10% of the hams are actually active on the InterNet. In other words, we might make a lot of noise on the keyboards, but the bottom line to SGC, or any other manufacturer for that matter, is how much noise we make at the cash register. We can hold technical discussions and philosophical dissertations all day long via e-mail, but it won't sell a single rig.

PUT YOUR MONEY WHERE YOUR KEYBOARD IS, AND QUIT WHINING OUT LOUD!

72/3,

Mike KI6PR
El Rancho R.F., CA

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Jon Ayscue <ayscue@stsci.edu>
Subject: [17118] Index Labs QRP+ Accessory Box?
Message-ID: <v03007805af73ed14a18f@[130.167.14.150]>

The March issue of CQ mentions an accessory box that Index Labs is developing for the QRP+. The box will contain a 4.5 amp gel battery, noise bridge, and antenna tuner.

Has anyone who has been following developments at Index Labs heard when this box might become available, and what the price might be?

thanks

Jon Ayscue, KC30U

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Kd0su@kktv.com
Subject: [17074] KD0SU now K0SU
Message-ID: <199704102306.TAA39941@nss2.CC.Lehigh.EDU>

The subject line says it all. It only took the FCC about 4 weeks to process the application. Sure look forward to using it on WIMPS and QRPTTF:-)

73, Rick

K0SU
Colorado Springs, CO
CQC #100 - MI QRP # 1284 - NORCAL #??
ARRL - AMSAT - SMIRK - 10-10

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Dan & Donna Copeland <dcopeland@wwn.net>
Subject: [17097] Labels
Message-ID: <3.0.1.32.19970410220436.006a0324@wwn.net>

I need to know where I can get the dry transfer labels for the front panel on my 38s. I need them in white.

Daniel Copeland KF00V
dcopeland@wwn.net

"I want to die peacefully in
my sleep like my grandfather,
not screaming in terror
like his passengers."

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "R.H. Osness" <Osness@compuserve.com>
Subject: [17143] Low Receive Gain on 38 Special
Message-ID: <1997041111338_MC2-1422-7597@compuserve.com>

Greetings from a new member -

I have just completed my new NorCal38 Special kit, and it seems to work, but the receive audio level is pretty weak. I've reworked selected solder joints, but still no help. Has anyone had similar results?

Also, the two sidebands appear to be almost the same strength, with the one below zero beat slightly the stronger. Is this correct?

Thanks & 73,

Bob, AA7VG

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [17148] Magnets and VFO effects
Message-ID: <19970411.120936.9894.3.gsurrency@juno.com>

Sorry gang for the bandwidth, but I just realized a boo-boo I made in my other post about the magnetic effects on VFOs. I mentioned that the VFO could be "amplitude modulated" with another winding on the VFO coil that had a signal, audio or RTTY on it. Of course this is frequency modulation, NOT amplitude modulation as I wrote.

I just got excited and let the keyboard get ahead of my brain for a second.

Magnetic badgers, that's what it was.....

Excuse the bandwidth and now back to the regularly scheduled program, whatever that is.

vy 73 and pardon me, :-)

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [17103] Marshall Islands on 20m
Message-ID: <19970410.214540.10222.1.gsurrency@juno.com>

Just worked V73K on 20m around 14.014 with the OHR100 at 5w using a low sloper dipole at 20 ft height! Time was 0355Z. He went QRT a few minutes ago.

Listen to the bands and you'll never know what (where) you'll hear.

C'mon sunspots! CME's, or whatever. Get that ionosphere charged!

72,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: kd4kzq@juno.com
Subject: [17104] Modem Problems/Digest
Message-ID: <19970411.001836.10398.1.kd4kzq@juno.com>

Hi Gang,

My notebook modem cable went belly-up Tues.(4/8). This was my primary means to the list that I used everyday. Until I can get a cable I will be on 'Digest' as I don't get to use the XYL's es QRM's computer very much. If anyone needs to, get me direct at ' kd4kzq@juno.com'. I hope this cuts down on some mail till I can get back on daily. Pardon the bandwidth but thought I'd let some know what was going on.

TNX,

72 es CUL de Jim KD4KZQ
QRP-L #1060
kd4kzq@juno.com

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Larry East <w1hue@amsat.org>
Subject: [17156] More on Index / SGC
Message-ID: <2.2.16.19970411211744.40df3642@eloi>

The following is from the ARRL Letter:

A collaboration between Index Laboratories president Bruce Franklin and SGC of Bellevue, Washington is expected to result in a new transceiver roughly based on the now-discontinued Index QRP Plus. The new transceiver will have a new name, several improvements and a smaller package. Franklin said Thursday that SGC has contracted with him, personally, for engineering design services to develop the new transceiver, to be called the SGC 2020. It's scheduled to debut later this year.

In a statement, Franklin made it clear that SGC has not acquired Index, its product line or its customer service obligations. He said Index, located in Gig Harbor, Washington, will continue to provide warranty service for the QRP Plus transceiver, which Index no longer manufactures. Index also no longer provides retrofit service to upgrade QRP Plus transceivers to New QRP Plus transceivers. Franklin said he's doing his best to handle customer service, but he conceded that running a one-man shop sometimes means that he is difficult to reach.

Franklin said the new SGC 2020 will retain "the basic architecture" of the QRP Plus, but with some significant differences. For one thing, plans call for the new transceiver to have up to 20 W

output (continuously adjustable down to 20 mW). The new transceiver also will have an improved synthesizer design, bipolar PA transistors, better output filtering, a backlighted display (which can be turned off) and a smaller size (2.5x6x6 inches) through the use of surface-mount components. The SGC 2020 will retain the SCAF filters used in the QRP Plus design. Franklin said the idea was to market a radio with broader appeal than the QRP Plus. "We wanted to go beyond the QRP community without losing them," he said, suggesting that the SGC 2020 would also be attractive to those interested in mobile or portable operation.

The SGC 2020 will retain the low receiver current drain of the QRP Plus--about 200 mA, Franklin said. The transmitter will draw approximately 4 A on peaks. The unit is expected to weigh just 1.5 lb and will carry an introductory price tag of \$595--\$100 less than the QRP Plus sold for.

Franklin said SGC will be responsible for manufacturing, sales and customer support of the SGC 2020. SGC anticipates that the SGC 2020 will be available around September 1, 1997. Among other products, SGC manufactures the SG 2000 transceiver, the Power Talk and Power Clear control units and the Smartuner line of antenna tuners. SGC Sales Director Robert Gregg said that the latest details and updates regarding the SG-2020 transceiver will be posted regularly at <http://www.sgcworld.com>.

I apologize if this has already been posted, but I just get the digest...

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: JAlexan706@aol.com
Subject: [17114] My 38s lives
Message-ID: <970411081907_-769053761@emout12.mail.aol.com>

Well I made my first contact last night with my 38s. RST 449 with W4MYO in AL.

He said that he don't QSL any more so I won't get a card from my first contact, I sure wanted one. I love the 38s it is a great little rig. Tnx to Jim and Doug and the rest of the people that made the 38s you guys did a great job. Now back to working more people with my stock 38s. It sure is FUN !

73

KB0PTE

Wayne
QRP-L # 1058

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Jon Iza <ea2sn@jet.es>
Subject: [17109] New (French!!) QRP kit on sight
Message-ID: <334E36D0.2F85@jet.es>

Gang,
On last issue of Radio-REF, the official journal for the French radio society, there is an ad about a coming series of kits, called "Galene", whose featured are as follows:
- transceiver monoband, only in kit form
- bands: 80, 40, 30, 20, 17, 15, 12, and 10 meters
- digital display of all functions
- VFO: digital with 500 and 50 Hz steps
- Power: adjustable from 10 to 0 watts.
As soon as I will get some more information I'll let you know.
The company is called ESCONOR.
Share and enjoy.
jon, ea2sn

--

Jon Iza ea2sn since 1978 qrp'er at large! <mailto:ea2sn@jet.es>
** One's needs are proportional to the square of his/her incompetence **
URE - ARRL - DARC - VERON - ARI - WIA - NZART - AMSAT-UK - TAPR - IDRA
EAqrp 26 = Gqrp 1216 = ARCI 5153 = qrp-L 313 = NorCal 701 = ARS 202

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [17160] New SGC QRP transceiver
Message-ID: <19970411.144706.7254.0.gsurrency@juno.com>

Referring to the ARRL letter notes about this new rig, I would say it is an ambitious effort on Bruce's part.

Although the receiver current draw is quite high at 200ma, and the transmitter current draw is also high at 4 amps for 20w, the rig certainly sounds interesting. I wish SGC and Bruce good luck in bringing this rig to the market by September 1 of this year. SMD components and

the smaller size of 2.5x6x6" is certainly appealing. That is a small rig!

I bet this one will have better spectral purity and AGC! ;-)

And the lower price is surely a welcome feature! Gang, electronics is one of the few remaining fields of human endeavor that continues to improve its products while simultaneously reducing the price.

It is probably reasonable to predict this rig will be primarily a radio used in the shack and not taken to the field, as I think most who own the QRP+ would confirm. However, the small size would really make it easy to carry, assuming the power requirements could be met. Mobile operation or traveling with this radio would be wonderful.

Think about it; there is a lot of design and manufacturing problems to be worked out in this very short development time. Bruce will be very busy, and I hope he has some good people to help him out.

Let's all wish him luck, and give SGC and Bruce the benefit of the doubt in bringing this to fruition. Having worked in a design and manufacturing environment, I can appreciate all the things that have to be resolved to build such a product. It is encouraging to see an American company and individual willing to risk developing a new product for the amateur radio market.

September is not that far away. I hope they succeed. And I don't even own a QRP+ and have never seen or used one.

73,

Gary Surrency AB7MY

QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [17132] New Zealand DX (Almost) with WM-20 SSB
Message-ID: <334E73D2.681A@uts.cc.utexas.edu>

Hey gang,

If you didn't listen to 20 meters around 0430Z last night you missed an incredible feast of ZL and VK SSB signals pounding into North America.

I was up late and just happened to turn on my White Mountain 20 SSB QRP rig and there were literally dozens of New Zealand and Australian

stations. After listening to several QSO's I decided to give a call, thinking all the while that 3 watts SSB just wasn't going to make it that far, especially with the W8JK array resting on the wood shingles of my house. Well, I did...almost. One ZL1 came back to my call and he could make out part of my call...got the prefix but not the rest. He tried several times but just couldn't pull me out all the way. He then went back to calling CQ. Even though we didn't complete an official contact I was thrilled. Can't wait for the really big solar flares in 1999.

After thought: I seriously considered going out at midnight and raising my 20 meter W8JK array off the shingles on the roof, but it was raining and my XYL would have called the men with the little white jackets to come and haul me off. But, I did consider it. Ain't QRP great??????

Good luck this weekend in the ARCI contest. I'll be on 20 and 40 meter CW off and on between yard chores and errands. I'll look for you on the air.

Gary, KJ5VW

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Bensondj@aol.com
Subject: [17113] NN1G Mk II all better now!
Message-ID: <970411064913_1186804332@emout15.mail.aol.com>

Hi gang-

Harry Bump <bump@redrose.net> wrote me to report-

>>Dave

>>Many thanks! That last change made a big difference. Can't find any 'spurs' with
>>the gen. coverage RX. The SWR and the freq. counter look 'right'

Since there are at least a few ;-) Mark II owners out there, I should share this one. Late in development of the 40-40 I was looking at spectral purity issues. Based on comments from Wayne Burdick and the ARRL lab staff, I made changes to the 40-40 transmit mixer values. This change applies also to the earlier Mark II series, so it's worth repeating the post. (Owners of SWL products may disregard this message- "It's in there" already.)

At the transmit mixer, there's a pair of 47 pF capacitors, 1) between pins 6 and 7, and 2) between pin 7 and ground. Remove the cap between pin 7 and ground and replace it with a 150 to 220 pF value. This change will likely

affect the transmit offset by several hundred Hz, so some adjustment of related components may be needed. The effect of this change is a reduction in spur content by 10-15 dB. This should cure the symptoms that Harry (and others) have reported.

73- Dave Benson, NN1G

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Harry Bump <bump@redrose.net>
Subject: [17095] NN1G Mk II problem (solved)
Message-ID: <334DD095.372C@redrose.net>

Hi Gang!

The NN1G Mk II rig is back up and running, thanks to some very good advice from Dave Benson. I'm really grateful for his taking the time to help me straighten my rig out. Here's the scoop (from the beginning):

My rig looked good on my dummy load, but lousy SWR on the antenna. A different rig with the same cable and antenna looked OK. Some of you recognized that I had output not on the design frequency which was causing the SWR to show high on the antenna (the dummy is 'broadbanded').

I turned on my freq. counter and set it next to the dummy load - it showed output at 12.1MHz! Listening on my gen. coverage receiver confirmed this. At this point, I heard from Dave, who suggested that I was overdriving the final. I reduced the value of the driver emitter (to gnd) capacitor from 220pf to 100pf. It didn't seem to make a difference. I started fiddling with T6 on the TX board while transmitting into an antenna - the SWR came down! I then tuned both T6 and T5 for lowest SWR. I did get to the point where I could not see the meter move; and the forward power at that point measured about one watt. My freq. counter now showed 14.065 MHz as my output frequency.

Listening with my gen. coverage RX showed that although everything else looked good, I could still hear the 'spur'. Dave suggested one more change. The capacitor from pin 7 of the TX mixer to ground was changed from 47pf to 220pf - now no more spur!

Again, many thanks to Dave, and also to those of you who got me started in the right

direction..... now to get started on that NC38S that's sitting on my bench!

73,

Harry, KM3D
Outlaw Wireless League
QRPARCI #3875
Norcal #1295
QRP-L #637

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [17151] NorCal E-mail
Message-ID: <19970411.130726.2662.0.w7rfm@juno.com>

Hi gang

I joined the NorCal club and ordered a 38s from them.

Does anyone have there e-mail address?

I haven't heard from them about my membership and it has been at least 3 weeks since I sent it off.

I do understand that the 38s will probably be shipped some time soon ,
like after the Dayton show.

I would like to know that I am a member and get my # amd my QRPP journal
when it comes out.

Tnx for the help.....:-) 73's John

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Kory Hamzeh <kory@avatar.com>
Subject: [17092] Paddle recommendations
Message-ID: <Pine.BSI.3.91.970410190810.6815A-100000@avatar.avatar.com>

Can anyone recommend a cw paddle that FEELS like the Bencher BY series
but is smaller and lighter to take with me when I am traveling?

Thanks,
Kory
AC6RN

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Ron Boyd <rdboyd@hiwaay.net>
Subject: [17162] PJ2MI/QRP on 14060 2225Z
Message-ID: <1.5.4.16.19970411163841.2d47b710@mail.HiWAAy.net>

I worked PJ2MI/QRP, Jose, in Curacao. His 3 watts received a rst of 579 here in northern Alabama. Great signal. Y'all go get him!

72,
Ron K04V0
Posted 4-11-97 2235Z

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: torell@sicom.com (Kent Torell)
Subject: [17076] PROP: CME impact
Message-ID: <v02130508af732315b7d8@[192.91.202.41]>

Spacecraft in orbit have reported the arrival of the CME at 1300 utc today (10th).

Any propagation observations? If we got initial enhancement, it looks like it would be centered over eastern Europe....

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: torell@sicom.com (Kent Torell)
Subject: [17125] PROP: CME impact news
Message-ID: <v02130501af7405277d45@[192.91.202.41]>

Most reports showed great ionospheric enhancement last night, but now it's in the dumps. Thanks to Jim for a nice propagation report! An excerpt from a report written late last nite at 0600 utc, April 11:

A minor geomagnetic storm is currently in progress. Geomagnetic

activity surpassed the minor storm threshold at 06:00 UTC on 11 April. Activity from this disturbance is quite vigorous. There is a very good possibility geomagnetic activity may briefly exceed the major storm threshold (A-index of 50 or more) within the next 12 hours.

The latest planetary K-index (from 03:00 to 06:00 UTC) was 7, indicating severe geomagnetic storming. The current running 24-hour planetary A-index is 31 and rising fast.

This activity should begin moderating later this UTC day and on 12 April. A return to quieter levels is expected on 13 April, barring substantial activity from a coronal hole that is beginning to move into a geoeffective position.

Ionospheric observatories throughout North America are continuing to show Critical F2-layer Frequency and hence Maximum Usable Frequency enhancements of 20 to 60 percent above normal. The enhancement phase is still very evident. Critical F2-layer frequencies should begin showing signs of becoming depressed over the next several hours. These depressions, which could be as high as 20 to 40 percent below normal, should persist through most of 12 April and perhaps into 13 April as well.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: DENNYV <DENNYV@clarityconnect.com>
Subject: [17157] Qrp from BIG Bend
Message-ID: <334ED6ED.2864@clarityconnect.com>

I will be in BIG BEND National park area next week Sunday thru thursday
I am taking a 38s. I will be working around 10.116 look for me in the
late afternoon early evening 73 Denny AD30

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Wayneb1103@aol.com
Subject: [17150] QRPp
Message-ID: <970411154405_-1602904105@emout19.mail.aol.com>

Isn't it about time for the QRPp journal to come out? This be the picture of
a new subscriber paranoid that he is being left out...

Thanks

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [17135] QSL card printers/recommendations
Message-ID: <334E68B3.2094@harksystems.com>

The Portsmouth Island QSLs need to be printed and I need to ask the list for recommendations for some good quality printers capable of printing a color photo type card. Any recommendations? Please e-mail me direct to keep the BW down on the list. Thanks!

--

73, (Sir)Randy WJ4P
Knightlites QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [17091] Rechargeable Batteries
Message-ID: <19970410.183839.7727.0.kb0rol@juno.com>

I want to pass on something I learned about my camcorder batteries which I suppose would apply to all rechargeable batteries.

My camcorder battery died. it was \$50 for a new one so, being qrpily cheep, I decided to rejuvenate my old one. What I did was put the old one on the charger, with in a very short time the Charge light went out and indicated the battery was at full charge, but of course it wasn't. I notice that by removing and putting the battery out of and into the charger the charge light came back on, again for a short period of time but it did come on. I kept doing this over a few days and noticed that the charge light stayed on for longer and longer periods of time. Soon, the battery tested fully charged so I tried it in my camcorder - lasted the full two hours it was suppose to last. I put it back on the charger and it took its normal charge time to recharge and the battery worked again for its two hours.

To make a long store short, I took the unopened new battery back and the old one seems to be fine - I just need to remember to keep it charged.

de, KB0ROL Brad

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Larry McCain" <lmccain@bjservices.com>
Subject: [17129] Schematic ICOM -230
Message-ID: <vines.JYb7+Q6YHnA@email.bjservices.com>

Need Schematic for Mic. Thanks in advance....

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [17101] SLV coil mod N0TFI version
Message-ID: <334DC164.2005@concentric.net>

Hi all,
Since I was asked I will repost the original bit that I did on the SLV coil mod that I did. If anyone needs the tinned coil wire, I have a big roll of it and will mail a chunk to anyone that needs it for the cost of postage, about \$5.00 give or take. I do have a crummy drawing that I did in Paint on my webpage as well as this test file. I hope that some will find it useful if you prefer to homebrew a coil. Not in the same class as the MMA coil, but it is bunches better than the twin lead coil and cheap and easy to do and IT WORKS!

Jess N0TFI
<http://www.concentric.net/~jessqrp>

Subj: St Louis Vertical Mods de N0TFI vs GAP Titan
From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: kclark@ridgecrest.ca.us (K. Clark)
Subject: [17128] Source for Paul Harden's Book
Message-ID: <v01530500af73a8e0ca99@[199.120.150.26]>

I recall some postings about problems or delays in receiving Paul Harden's Electronic Data Book for Homebrewers and QRPers. I do not have posting copies saved, however. I was planning to order the book, and would appreciate any recommendations. The only address I have is from Paul's ad in World radio - his Socorro, NM address. Direct replies preferred; I'm on QRP-L Digest mode. Thanks.

Keith Clark, W6SIY Ridgecrest, CA

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Bob Edwards, W4ED" <rbe@atlanta.com>
Subject: [17096] Spring ARCI QSO Party
Message-ID: <334DD1C7.5D3C@atlanta.com>

Cam, Mr. Contest Mgr., Sir,

Are you sure it's really fair for the Yahoos, with considerable malice of forethought, to park a team member in "North Dakota" for the contest, just to maybe score slightly ahead of the Southern Brass, or any other team for that matter ??

Or, maybe it went like this, "Hey guys, you know Jim/NOUR is going to ND anyway, out of the goodness of his own heart, and we still need a fifth, so lets recruit him cause we're gonna want a red hot QTH like ND !". I see it now, our team should send someone (me) to VP9, KP2, HP1

Just kidding of course, hope we have plenty of team activity, good weather (specially in SD/ND/MN), and a lot of QRP fun.

--

--

Bob 72/73
The Southern Brass
<http://www.qsl.net/w4ed>
W4ED nr Atlanta @EM73wt
...."QRP", more from less....

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From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: camqrp@cyberg8t.com (Cam Hartford)
Subject: [17075] Spring QSO Party Teams
Message-ID: <199704102311.QAA12623@key.cyberg8t.com>

Group -

We now have two teams registered for this weekend's contest --

The Southern Brass (also known as 4 Bobs and a Jim, or the Jim-Bobs) and the

Yahoos.

The Yahoos are a loose organization of guys defined only by their total lack of geographic allegiance, since they hail from Texas, Virginia, Colorado, and Minnesota.

Whatever. Anyone else gonna give them a run this weekend?

72/73,
Cam N6GA

WIMPS: Qs=009 30m=8 17m=1 12m=0 States=06/01/00 DX=02/00/00

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Wa2eaw@aol.com
Subject: [17082] STATIC CHG.;TNX
Message-ID: <970410203131_1354095923@emout01.mail.aol.com>

To all:

I want to express a sincere thank you to all who took the time and trouble to inform me how to bleed off the static charge build-up on a kite supported long wire.

I cant say enough.

72/73 de Bob WA2EAW

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [17100] Tentec 1330 and rambles (semi long)
Message-ID: <334DBD54.217F@concentric.net>

Hi all,

I know that there has been a little discussion in the group about the Tentec QRP rigs. I ordered and received the 30 meter version a while ago. I was leaving it in the shrink wrap thinking that I amy or may not build it. Finally got around to looking at it through the shrink wrap again and have decided that I cannot let it go without building it. Since my A&A K9AY rig for 30 meters has finally developed a problem after 5 or 6 years of faithful service, it is time to build another 30 meter mono bander. I thought about building another Emtech NW30 like my NW40 (great rig!) but I wanted to build something different and I have not had a 30 meter radio of less than 5 watts out for while. The last

one was the SW30 by NN1G and it only put out 750 mills. I worked Easter Island with that puppy! I have built the SW40, the SW30, the A&A 30 meter rig, the OHR 400, the Cascade, the 38S, the 49r, the Emtech NW40, helped with the NN1G MkII from Dan's, and helped TS a batch of others. I have never owned a piece of Tentec gear. The ONLY reservation I have about the 1330 is the bandwidth. I don't like radios with wide fitlers, but I have used and have gotten used to the 38S and it's as wide as a semi! I do have the OHR Scaf that I can use on the Tentec but I have this thing about adding on boxes to a rig. That is why all of mine have internal keyers and filters. I added the audio filter and the TiCK to the Emtech and wow! the fitler turned that in to a killer rig on receive. I may add Roy's audio filter to the Tentec as well as the Tick keyer, maybe the new Tick memory keyer. Or maybe what I need to do is build up an audio filter from scratch. I seem to remember that there was a later version of the handbook audio filter that was a 4 pole filter. For those of you that think that the only good filter is an IF filter and that audio fitlers don't work, your are dead wrong. I cannot tell you the BIG difference that the 2 pole audio fitler that Roy makes made in the receiver on my Emtech NW40. I would love to hear comments from others about the Tentec rigs as far as receiver quality, likes and dislikes and all. I am going to rip the shrink wrap off of this puppy and build it. Heck, I don't even know if it is the older board with the bonding problem or one of the newer later style PCB's!

Best for now

Jess NOTFI

<http://www.concentric.net/~jessqrp>

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: Pete Meier -- WK8S <pmeier@tir.com>

Subject: [17115] Tnks to all for Bryce' address

Message-ID: <199704111240.IAA23193@tir.com>

Thanks to all who responded for Mike's address. From the response I got I must be the ONLY one who didn't have his address :-).

Pete WK8S

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: "Michael Connor" <mikec@primenet.com>

Subject: [17107] W3DX email address?

Message-ID: <199704110550.WAA06211@primenet.com>

Greetings Compadres & Compadrettes,

I'd like to email Rob Capon, W3DX, to ask him about his OHR100 but can't seem to locate his email address. I don't think he's subscribing to the list right now. Does anyone happen to have it?

Thanks in advance,

Mike
NQ7K
AZ ScQRPions

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [17102] wanted 49er
Message-ID: <19970410.213708.2654.4.w7rfm@juno.com>

I did not get the last one that was for sale so I thought I would try to see if any one wants to sell there 49er. Must be in good condition.

If any one has one they want to part with please contact me.

e-mail w7rfm@juno.com
de W7RFM John

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [17127] WIMPS (all 38s)
Message-ID: <3.0.1.32.199704111154612.007231e8@mailhost.primenet.com>

Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484
WIMPS: Qs=060 30m=60 17m=0 12m=0 States=28/00/00 DX=03/00/00

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [17136] WJ4P LDE (Long_Delay_Echo), what ? Echo... :-)
Message-ID: <19970411.094856.4455.5.wa5whn@juno.com>

QRP-Lers,

Every once in awhile, one of my neurons misfires, and something, in my

memory, jars loose. It had happened again, when I was reading WJ4P's note with interest, and was listening to his *.wav file via KI7MN's web page (<http://www.dancris.com/~ki7mn/>).

Many years ago, K0FRP and I were stationed at the same site (USN-back when there were iron Men & Women & wooden ships). At this site was a Collins KWM-2 xcvr with a 30L1 amp, with assorted antennas. On 80 meters, one night, I was chatting with the Group back home, when I thought I had heard my own signal, delayed, and distorted, on the same frequency. I had thought, the same as WJ4P, that someone was spoofing me. (Spoofing will replace the correct word that was used.) :-) So, naturally, I had thought, let's see what happens if I move the VFO, in frequency, turn the amp off, and see if whomever is doing this, can find me. Guess what ? It was there again, that instant in space-time. Then I had thought, there was something wrong with the gear. Well, a sister site had the same equipment, and it was repeated at this site, a few minutes later. Along comes the "QST" with the article on "Long Delay Echos". I don't remember which issue.

<http://members.aol.com/warmspgs/natrad.htm>

Then scroll down to "Radio propagation" at the above URL.

One of the theories, that was suggested for "LDE's", was that the Earth's Magnetic Field was forming waveguides, similiar to the phenomena that forms waveguides, 1000's of miles above the earth, in the magnetosphere, for VLF signals (whistlers, tweaks, chorus, etc..). This had started my interest in the VLF portion of the spectrum.

Which reminds me (Another neuron had misfired), INSPIRE VLF2 Radio Receiver Kits are now available for \$65.00 (US), add \$10.00 for shipment to any other Country, and the assembled receivers are \$80.00 (US), add \$10.00 if shipped outside the US. Send Your' orders to: Bill Pine, Science, Chaffey High , 1245 N. Euclid Avenue, Ontario, Calif. 91762 USA (email: pine@chs.chaffey.k12.ca.us or pinebill@aol.com)

URLs:

<http://www.gsfc.nasa.gov/education/inspire/inspire.html>

<http://www.chs.chaffey.k12.ca.us/>

Like WJ4P, I was baffled, and to this day, I still don't think we throughly understand what is happening on 80 meters with the LDE's.

72...Jay, WA5WHN DM65qd
<http://www.flash.net/~w5bi/>

PS 14 days left until the NorCal QRPTTF event. I can't wait... :-)
:-)

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: n4js@amsat.org
Subject: [17137] WM20 works FB
Message-ID: <XFMail.970411120549.n4js@amsat.org>

Just though I'd pass along. After removing 2 turns from L3, the WM20 works GREAT! Getting 3 watts out (on a whistle), receiver tunes from about 14, 180-14.350. (I set the top edge). The CW freq "display" is terrific. I guess I didn't screw up. (I counted the turns again, and I really did have 18 to begin with).

BTW, the L0 wasn't as low as I thought. My portable counter was "pulling" it. When I checked with the "big" counter, it was more in line.

72/73

ting 3 watts out (on a whistle), receiver tunes from about 14, 180-14.350. (I set the top edge). The CW freq "display" is terrific. I guess I didn't screw up. (I counted the turns again, and I really did have 18 to begin with).

Sent at 12:05:49 on 11-Apr-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.pobox.com/~n4js>
NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781
WIMPS Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries=08/00/00

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Watson R Gabriel Jr" <wgabriel@dpcmail.dukepower.com>
Subject: [17093] WS4S
Message-ID: <9703108607.AA860737192@inccmrtr.dukepower.com>

He's on 40m around 7051KHz working folks right now. Sigs were real good here in NC - not far, huh. Also heard 9's and I believe a 7 working Conard.

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Joel Malman <malman@BBN.COM>
Subject: [17073] WTB: 40 meter transceiver
Message-ID: <199704102302.TAA52625@nss2.CC.Lehigh.EDU>

Wanted to buy: QRP 40 Meter (only) Xcvr.

A Ten-Tec 1340, Norcal NC-40a, SWL NN1G (not a knock off, sorry), etc, first class type rig, will be considered. Must be completely build and 100% functional and include manual. Build in keyers, KC1/2 displays not required or desired. We are talking a basic function, high quality, first class, single band rig here!

The rig is going to be handed off to a new ham, who will hopefully embrace QRP but at this point needs some direction.

Please state condition, price and estimate shipping costs (UPS \$5-6 would seem reasonable). Completely unreasonable offers will not even be responded to. Please direct your E-Mail to: malman@bbn.com

/joel wa1qvm (joel@bbn.com or malman@bbn.com ... Concord, Ma.)
WIMPS: Qs=028 30m=027 17m=01 12m=00 States=09/00/00 DX=015/01/00

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [17119] [Fwd: FS:TEK SCOPES]
Message-ID: <334E3E71.6535@primenet.com>

Subject: FS:TEK SCOPES

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [17161] [Fwd: Re: SGC and the QRP-L bunch]
Message-ID: <334EBCAD.DF@dancris.com>

This is a multi-part message in MIME format.

-----68DF7E3C27EB
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I received this from SGC today, and am forwarding for information:

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, Sierra, OHR400, HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

-----68DF7E3C27EB

Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Return-Path: <SGCMKTG@aol.com>
Received: from emout19.mail.aol.com by dancris.com (8.8.5/SMI-SVR4)
id PAA16938; Fri, 11 Apr 1997 15:01:39 -0700 (MST)
From: SGCMKTG@aol.com
Received: (from root@localhost)
by emout19.mail.aol.com (8.7.6/8.7.3/AOL-2.0.0)
id SAA25936 for n7kt@dancris.com;
Fri, 11 Apr 1997 18:02:20 -0400 (EDT)
From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "James R.Sharp" <lobar@doitnow.com>
Subject: [17080] Re: 1N4001
Message-ID: <199704110014.RAA17282@in1.doitnow.com>

At 06:58 PM 4/10/97 -0500, you wrote:

>Hey Gang,
>I am wondering if it is okay to substitute a 1N4003 or a 1N4004 for the
>1N4001.

Hi! In 99% of the circuits I've used it wouldn't matter. You said it is
used in the
local osculator so maybe the capacitance is slightly different. I
personally wouldn't
hesitate to use it. The forward voltage drop is the same if that's how it's
used.

I say try it!

Good luck 72 Jim Sharp KC7GHP Peoria, Az

"He who would trade liberty for security #####
deserves neither!" #####
Benjamin Franklin #####
#####

James R.Sharp
lobar@doitnow.com

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
Subject: [17152] Re: 38spc1 - LOUD Foreign Broadcast?
Message-ID: <3.0.1.16.19970410173318.16afd2b2@mail49.mci2000.com>

At 07:03 PM 4/9/97 -0400, Tim W5FN wrote:
>Wow, there is a really loud foreign broadcast
>station being received by the 38s. It is louder
>than all other signals put together!
>
>I have two peaks, and have changed the series cap
>to th 10pF like others have suggested.
>
>Any ideas would be greatly appreciated.
>
>Right now, it is naked on the bench... I've not tried
>to put an enclosure around it.. perhaps that would help.
>
>Thanks,
>
>Tim W5FN
>
Tim...you're hearing those really BIG broadcast stations that
operate on 12 MHZ. They get through the front end quite well
don't they!! I doubt that a case will make any difference. I'd
like to know what you observe if you put yours in a case. Mine
is still out on the bench, operating like a dream.

72....Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	__o	Cascade 17/40 SSB
Fenton, MI	_'\<,	Mizuho 17/40 SSB
...	(*)/(*)	...

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [17084] Re: 50/40/30
Message-ID: <199704110107.SAA00754@dancris.com>

At 04:35 PM 4/10/97 -0500, you wrote:

>Hey guys,
>I need your support! Everyone make sure and try to work me in the 50/40/30
>thing. Listen for the warbly, chirpy signal from my WWII TCS.
>
>Here is the schedule if you missed it earlier
>
>0000Z-0200Z 10.110 + QRM
>0200Z-0400Z 7.050 - QRM
>
>May the solar flares and CME's be kind to us all...

Hey, Conard! Thanks for the 229 :^). I chased you all over the place for an hour, through a couple or three QSY's, and you finally heard me. Fierce QRM/QRN out there. Heard you work a bunch of guys, though, so your sig was getting out OK through all of it. Thanks for being there, and thanks for TN on 30.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [17130] Re: 50/40/30
Message-ID: <199704111556.IAA20683@dancris.com>

At 11:57 PM 4/10/97 -0500, you wrote:

>Hi Bob,
>Well, thanks for hanging in there! It is all when you call too. I could hear
>something waaay back there calling ws4s ws4s ws4s de jlkasjfla ajsf;a k
>you know how that goes you can always copy your call! I had a much
>better time on 30 with some gangbuster signals from 1 and 2 land. Not a lot
>coming in from AZ or out west.
>Thanks again for hanging in there!
>COnard
>
>

Actually, it was YOU that hung in there! Thinking back to the letter 'why qrp?' and the comments made about all the trouble others go to to dig our weak sigs out, I have to say thanks to you, and to all the other qrp ops who do take the trouble to hang in there.

You could have easily gone on to another, stronger signal, but, as most

qrp'ers do, you stuck with it and I managed to get through.

So, again, thanks to you for the contact.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long
-111.87260

NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: Monte Stark <ku7y@sage.dri.edu>

Subject: [17108] Re: buffalo chips

Message-ID: <Pine.SUN.3.90.970410224852.24750A-100000@vortex>

On Thu, 10 Apr 1997, ED WELCH wrote:

> I can remember as a young boy having "cow-paddy" fights. The good
> "paddies" were the ones that held together good as you threw them but
> began breaking up just as they got to their target....really made the
> target start scrambling.<grin>

Shucks Ed,

We used to use them for bases when we played baseball.....The trick
was to slide a "green" one in place of the "seasoned" one and watch
someone slide in.....

And don't forget how they were the only way to get your toes warm
on a cold day.....

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: Scott Bauer <ke3nv@erols.com>

Subject: [17111] Re: buffalo chips

Message-ID: <199704110645.CAA20383@smtp1.erols.com>

Hey Guys,

Dont forget what happens when your riding the old Hog
and the car in front of you kicks one up with the back tire!!!

t 10:52 PM 4/10/97 -0700, you wrote:

>On Thu, 10 Apr 1997, ED WELCH wrote:

>

>> I can remember as a young boy having "cow-paddy" fights. The good
>> "paddies" were the ones that held together good as you threw them but
>> began breaking up just as they got to their target....really made the
>> target start scrambling.<grin>

>

>Shucks Ed,

>

>We used to use them for bases when we played baseball.....The trick
>was to slide a "green" one in place of the "seasoned" one and watch
>someone slide in.....

>

>And don't forget how they were the only way to get your toes warm
>on a cold day.....

>

>cul,

>

>73, Ron, SOWP 5545M,

>

>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....

>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

>

>

>

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: Bigbob97@aol.com

Subject: [17154] Re: buffalo chips -Reply

Message-ID: <970411170000_-1536132832@emout19.mail.aol.com>

Talk about a deprived childhood! You farm boys really had it rough - and I
thought it was bad in the city!

73, Nice stories, thanks -

Bob WB2DHK

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [17147] Re: CME
Message-ID: <199704111920.PAA23117@alaska.magpage.com>

At 03:51 PM 4/10/97 HST, you wrote:

>

>Don't tell me that! I got my 30 meter module for my TenTec yesterday
>and rushed home about 0400 Zulu to try it out on my lousy lanai wire.
>It was incredible. One signal actually hurt my ears, a WA0CML and
>I had to virtually turn off the AF gain to get a good monitor level.

Hi Mike,

It was quite a ride. The zonkout here was only in the mid morning on the East coast. By later in the day, as well as earlier the night before, signals were way up. Last night was a blast working so many stations way past the usual band shut down time. (TKS Dave NR3E-TX)

One story going around is that the CME path is so reflective, the one that went past the earth, that we are experiencing real reflection, not refraction, off of that trail and we see it in a pronounced way as the earth rotates.

Enjoy!! Jim K3QIO Delaware, for a little longer.

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Lawrence T. Owens" <w4dec@dibbs.net>
Subject: [17090] Re Contest Software Rq.
Message-ID: <334DA9C6.7AFD@dibbs.net>

Thank Gang,

What a great bunch of guys. Received many private E-Mails from many of the group with great help and advice. Thanks to all of you. Think I may have it under control now.

73,

Larry (W4DEC)
QRP ARCI 8835
QRP-L 1045

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: John Marshall <johnmars@mindspring.com>
Subject: [17140] Re: echos on 80mtrs
Message-ID: <103020900af74184aaa54@[207.69.166.9]>

Sir Randy Hargenrader <randyh@harksystems.com> wrote:

>Hmmm.. don't know if I should report this or not!! :)
>I'm hearing echos of my cw on 80mtrs at 0258Z (4/9/97).
>At 5 watts they are barely noticable, at 10 watts definently there.
>Anyone else notice this phenomnom? Anyone else brave enough
>to admit it?

I can admit to that! I first noticed echoes on my own signals in 1983 or so, shortly after I got my first QSK rig. Heard 'em first on 80 meters, but I've heard them on most HF bands since then. At one point I set up a scope to measure the delay of the echo but, great scientist that I am, I don't remember the exact delay. I do remember that it was significantly shorter than the 135ms round the world time. I theorized at the time that I was hearing my own backscatter, i.e. my signal being reflected back from some point on earth where it was pretty loud. During the last sunspot peak I frequently heard these echoes on ten meters and was able to reduce power and rotate the beam to find where strongest path was. This was just an academic exercise, of course, since the best path doesn't always lead to other stations!

I believe this technique could help stations with beams find the optimum heading for making backscatter contacts, particularly in times like these when conditions on the higher bands are sporadic and activity is low.

I'd be delighted to hear and learn more about this.

72,
John Marshall KU4AF, ex-WA1UPB
Pittsboro, NC

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
Subject: [17159] Re: HW-8 Handbook
Message-ID: <199704112213.SAA23141@mail.bright.net>

I also have a supply of HW-8 handbooks - \$11 each

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://qrp.cc.nd.edu/kanga/>

419-423-4604

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: Bob Hightower <ki7mn@dancris.com>

Subject: [17124] Re: impossible at qrp levels

Message-ID: <199704111518.IAA18340@dancris.com>

At 10:12 AM 4/11/97 Time, you wrote:

> One happy displaced Cajun, from south Louisiana just waiting for the
>SNEAUX to stop. Please Neaux Meaux SNEAUX :-) JOEL 72 & 73
>

SNEAUX in Louisiana? EAU dear!

Sorry, just couldn't resist :^)

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long
-111.87260

NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: Doug <doug@sunrise.alpinet.net>

Subject: [17126] Re: impossible at qrp levels

Message-ID: <334E5CAB.2204@alpinet.net>

Hi Joel...I think you are right on the beam....Qrp is a blast. It sure beats heck out of the "59 MT OM" stuff we hear in the DX portion of the bands. I'm of the opinion the guy who wrote that letter was either hard of hearing or just plain lazy. This stuff is fun...just like it was 35 years ago, straining to pull another Novice out of the noise in the cans from the ARC5 rcvr on 40. I've even begun to log all my cw contacts again...each one is a gem.

Sneaux? As I write this it is minus 15 outside windchill and another

(?) foot of the white stuff forecast for today. Spring was last month. And...just wait 'till all this powder melts....oh boy are we gonna have fun!

73

Doug, K7YD
Livingsgton, MT

JOEL DENISON wrote:

>
> Hello to all the rowdy group:
> I was thinking about a recent article in qst called why qrp (I
> think) and got to laughing a bit. \
> I just got through talking (cw) to k2ofm for over an hour. He was
> running thirty watts and I was using 4 watts.
> I don't see why some folks persist in the belief that qrp is pain
> and strain on the non qrp station. I got a 579 report and held it for the
> entire qso. Paul (at 30 watts) was over s9 the entire qso.
> In fact I just glanced through my log and saw that most of my
> reports were 5x5 or 4x5 with a splattering of the spectrum for others. I
> would say not that much different from any qro log on the readability of my
> signal.
> What I can say is that I believe my log book has more "fun" in the
> contacts than most qro stations. One thing the log does is show where I
> tried some wire beams and other "better than dipole" antennas. (more 5x8
> reports)
> One happy displaced Cajun, from south Louisiana just waiting for the
> SNEAUX to stop. Please Neaux Meaux SNEAUX :-) JOEL 72 & 73
>
> God Bless
> Joel
>
> WA5CVM
> Joel Denison Gentle Lady (RC Sail Plane)(049 engine - high
> start)
> 81 High street 40 mtr dipole up 40ft
> Farmington, Maine 04938 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
> jdenison@morelr.com AK/QRP 109

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: mike wood <K6MW@server.worldinfonet.com>
Subject: [17158] Re: Index &^ SGC Support - C'mon, folks!
Message-ID: <334EB0FD.1249@server.worldinfonet.com>

Hi Mike,

Although the membership of the QRP-L represents + -10% of the QRP community here in the states, Any vender that gets as much bad publicity as Index Labs has over the past few weeks should be VERY concerned. Any good public relations person or politician will tell you that each letter received represents 20-35 that weren't sent.

The only problem we have now is getting Index to make a statement indicating if they are still in business and if they will continue to support the rigs. An answer either way is OK with me. If they decide to pull out of the market, it's their prerogative. There will always be someone to repair the rigs.

It's the hiding and refusal to answer the phones that Will ultimately make or break Index Labs and anybody associated with them.

73, mike

Mike Siegel wrote:

>
> I honestly can't believe the goofy egocentric attitude of this group!
>
> All this whining and gnashing of teeth, over whether anyone at SGC was reading
> our concerns over the QRP+....as if those of us on this reflector made up the
> entrie world of QRP.
>
> Let's face it - no matter what aspect of ham radio you look at, less than 10%
> of the hams are actually active on the InterNet. In other words, we might make
> a lot of noise on the keyboards, but the bottom line to SGC, or any other
> manufacturer for that matter, is how much noise we make at the cash register.
> We can hold technical discussions and philosophical dissertations all day long
> via e-mail, but it won't sell a single rig.
>
> PUT YOUR MONEY WHERE YOUR KEYBOARD IS, AND QUIT WHINING OUT LOUD!
>
> 72/3,
>
> Mike KI6PR
> El Rancho R.F., CA

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "JOEL DENISON" <jdenison@morelr.com>
Subject: [17149] RE: index etc com'on folks

Message-ID: <19970411144514.1ea222f3.in@master>

This list is a power to contend with my friend.

Much like the arrl does not have a majority of hams in its organization yet is the largest organized ham organization.

I would believe this list, while not being a majority of the qrp hams, is the largest group of organized qrpers. I don't know for shure but I would bellieve that every state is represented here.

I don't know of any business that would like to have active hams in every state thinking their product was less than desireable.

I say Whine on! :-)

God Bless

Joel

WA5CVM

Joel Denison

start)

81 High street

Farmington, Maine 04938

jdenison@morelr.com

Gentle Lady (RC Sail Plane)(049 engine - high

40 mtr dipole up 40ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: "J. Skalski" <jskalski@acsu.buffalo.edu>

Subject: [17122] Re: Index Labs QRP+ Accessory Box?

Message-ID: <Pine.GS0.3.95.970411100122.7397A-100000@orichalc.acsu.buffalo.edu>

Caveat Emptor

I think there are too many unanswered questions from Index. These issues will have to be resolved before they regain my trust.

73,

Jim N2GO

The Buffalo QRP CONNECTION

ARCI #9013 QRP-L #381

Life member ARRL

jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [17139] Re: Index Labs QRP+ Accessory Box?
Message-ID: <334E730F.60B6@earthlink.net>

As far as I know, these were shipped about two or three months ago . A friend of mine has one. Index sent a flier to all of the QRP+ owners they had on file. No one recently has been able to contact Index, so they may be a thing of the past. A cute little box, but pricey.

Ken, N6TZV

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Stanley Wilson <microres@crl.com>
Subject: [17116] Re: My 38s lives
Message-ID: <Pine.SUN.3.91.970411052604.20357A-100000@crl111.crl.com>

Wayne, While some may not QSL (anymore) I have found that if you make up a confirmation that only requires their signiture they will sign and return. Be sure to enclosed a SASE. The ARRL and CQ contest will accept these as well as the QSL card. de Stan AK0B

On Fri, 11 Apr 1997 JALexan706@aol.com wrote:

> Well I made my first contact last night with my 38s. RST 449 with W4MY0 in
> AL.
> He said that he don't QSL any more so I won't get a card from my first
> contact, I sure wanted one. I love the 38s it is a great little rig. Tnxs to
> Jim and Doug and the rest of the people that made the 38s you guys did a
> great job. Now back to working more people with my stock 38s. It sure is FUN
> !
> 73
> KB0PTE
> Wayne
> QRP-L # 1058
>
>
>
>
>
>

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [17142] Re: New Zealand DX (Almost) with WM-20 SSB
Message-ID: <19970411.102541.9894.2.gsurrency@juno.com>

Gary,

I heard some of them here, too. But conditions went downward just about 0400Z at my QTH. The background noises on 20m at times were very strange indeed, and you know how that can get the DX excitement going!

I heard some NC, SC and ME stations calling the V73K I worked, and they were at least 60db over S9 here. They were probably QRO DX hounds, but they still had some incredible signals here. The V73K was S9 or better when I worked him

20m can be absolutely phenomenal at times.

72,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix) Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [17153] Re: NorCal E-mail
Message-ID: <334EA4B7.6617@qsl.net>

You can click the email Norcal at the bottom
of their home page: <http://www.fix.net/norcal.html>

Or-- use <mailto:jparker@fix.net>
-Ed Loranger

--

72/73 de WE6W QRP .3W QSO 7040 KHz SK ee (First and Last callsign!)
OHR-100, Pixie2, Johnson Viking II w/VFO.
<mailto:we6w@qsl.net> QRP-L member #1068.
<http://www.qsl.net/we6w>

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997

From: "Paul F. Carreiro" <carreiro@barepower.net>
Subject: [17112] Re: OHR SCAF Mods
Message-ID: <3.0.32.19970411000032.006a0570@mail.barepower.net>

Back in July 1995 I (N6HCS back then) posted a mod to the list similar to Marshall's. It used the Radio Shack 1 Watt audio amp kit which I believe is not available anymore. I also sent this mod to OHR.. not sure if they ever implemented any of it as I have not seen their current SCAF design.

For what it's worth.. here is my original mod post. It might spurr some further ideas on mechanical / electrical mods to this great little accessory.

=====
SUPED UP OHR SCAF by Paul F. Carreiro N6HCS carreiro@barepower.net

The Oak Hills Research (OHR) Switched Capacitor Filter (Model SCF-1A) is a nifty little accessory for any ham's arsenal. 5 selectable audio bandwidths from 2440 Hz to 108 Hz can be chosen to improve reception in adverse conditions. Absent however, is a through position when no filtering is needed or desired. When SCF power is turned off, all audio throughput ceases. This bugged me from day one of operation of my SCF.

One of my other pet peeves is the QRP audio that most QRP kit rigs produce. This usually requires the use of headphones, even in a quiet room. Straight speaker operation is just about out of the question in alot of situations. Then I read Richard Fisher, KI6SN's article (World Radio, June 1995 Issue, Page 54, QRP Column) and knew the quashing of my pet peeve was at hand.

His article describes the use of the Radio Shack 1 Watt Audio Amplifier Kit (R.S. #28-4031, \$9.99) and how it can be used in any number of QRP rig applications. I decided to follow his lead and incorporate the 1 Watt Amp into the OHR SCF unit along with some other simple modifications that I've been threatening to do since I constructed the SCF. The simple modifications I chose to make are:

- 1) add the Radio Shack 1 Watt Audio Amplifier Kit with volume control and switchable gain;
 - 2) route audio such that the SCF and audio amp are individually bypassed when either is powered off;
 - 3) improve the input/output connector scheme;
- while minimizing the need for new holes drilled in the cabinet.

The 1 Watt amp is physically small (24X38mm) and can be mounted with one standoff from an existing SCF PC board mount. Make sure to use the amp board hole closest to the audio input to ensure circuit ground is applied to the board. This eliminates the need to provide separate wiring for power and audio ground. You'll need to short "C" and "G" on the bottom of the board as described in the directions. Note: the audio input ground must be left floating for noise suppression in this configuration (read instructions for

more information).

I use two 3PDT switches to simultaneously provide power and audio input/output to the SCF and audio amp. When the SCF switch (S1) is in the "OFF" position, power is removed and audio is bypassed around the SCF. The second switch (S2) does the same for the power amp, which is down stream audio wise from the SCF. Using this scheme, the unit can act as an SCF only, audio amp only, or both.

Mechanical addition of the amp's volume control and switch is quite easy. The SCF's power LED, Rx and terminal board are removed. The amp's on/off switch (S2) is placed in the hole left behind by the LED. The front panel 1/4" phone jack is moved to the back panel (via a newly drilled hole). The amp volume control is placed in the front panel hole vacated by the 1/4" phone jack. On the rear panel, I added a SPST switch for amplifier gain (26/46db, optional), the moved 1/4" phone jack already mentioned and a new 3.5mm jack wired in parallel with the 1/4" jack for versatility (optional). I also replaced the audio-in pigtail containing the 1/4" phone plug with a female RCA jack, also for versatility.

With the described modifications, only three holes were drilled, two of which are optional. This results in a nice looking, ergonomic and functional arrangement. I used my SCF with the above modifications at the Zuni Loop Field Day. Operation was much more enjoyable with this nifty little accessory. Thanks to KI6SN for turning me on to the Radio Shack amp, and Tony, N6OAT for opening my eyes to the mechanical ease of these modifications.

=====

Enjoy es 72

Paul N6EV (ex N6HCS)

Paul F. Carreiro - N6EV - ex-N6HCS - El Camino Village, CA
E-Mail: carreiro@barepower.net - <http://www.barepower.net/~carreiro/>
QRP - Boatanchors - Glowbugs - Mobile CW - QRQ +40WPM
NorCal QRP #367 - QRP QRCI #8885 - CW FISTS #1407 - QRP-L #236
Zuni Loop Mountain Expeditionary Force (QRP Field Day)

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [17133] Re: OHR SCAF Mods
Message-ID: <199704111633.KAA29613@lynx.csn.net>

Paul wrote:

>>Back in July 1995 I (N6HCS back then) posted a mod to

the list similar to Marshall's. It used the Radio Shack 1 Watt audio amp kit which I believe is not available anymore. I also sent this mod to OHR.. not sure if they ever implemented any of it as I have not seen their current SCAF design.<<

Another case of great QRP minds thinking alike [g].

OHR implemented a DPDT switch so that the unit is bypassed when off, but that's all.

I did in fact use the RS amp, which was closed out at half price so a lot of us have a few "spares" sitting around. For those that don't, Hosfelt (800-524-6464) sells a similar kit for \$7.95, part no 99-103 and they are easy enough to breadboard with an LM386.

With the RS unit, if you don't mind ugly you can avoid finding and installing a 50K pot for volume control by drilling a small hole in the top of the SCAF enclosure for access to the original trimmer to which a plastic "wand" can be super-glued.

73
Marshall Emm
AA0XI/VK5FN
aa0xi@mtechnologies.com
<http://www.mtechnologies.com/mthome>

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: mike wood <K6MW@server.worldinfonet.com>
Subject: [17155] Re: OHR SCAF Mods
Message-ID: <334EA784.4C0F@server.worldinfonet.com>

Paul,

Thought you might want to hear of another source of cheap audio amp kits other than the RS units.

Try JDR Microdevices. They have two kits at a great price:

1 Watt Amp \$5.95
Audio Amp \$4.95

Check out their web page at : <http://www.jdr.com>

I have had great success with both. Normal disclaimer applies, just a satisfied customer.

73, mike

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [17086] Re: PROP: CME impact-East Coast
Message-ID: <199704110034.UAA24456@alaska.magpage.com>

Hi Kent,

At 04:09 PM 4/10/97 -0700, you wrote:

>Spacecraft in orbit have reported the arrival of the CME at 1300 utc today
>(10th).

>Any propagation observations? If we got initial enhancement, it looks like
>it would be centered over eastern Europe....

5-10 MHz enhancement was fantastic here on the East Coast last evening. One of my old tube rcvr's S-meter was showing as much as 60 dB/S9 on several SWBC stations with only a 5 foot wire antenna. Just to check those meter readings I cranked up one of the Drake receivers and had the same signal readings.

Today of course we paid the price. Most signals on 9.5-10 MHz were 60 or more dB below their normal readings. The Arab powerhouse stations on 9.855/9.870/9.880 were almost non-existent.

Better days are coming, but they won't be any more fun than this :)
Jim K3QIO Delaware

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "Bob Edwards, W4ED" <rbe@atlanta.com>
Subject: [17087] Re: PROP: CME impact-East Coast
Message-ID: <334DC361.ED6@atlanta.com>

Jim Hydzik wrote:

<big snip>

> Today of course we paid the price.
> Most signals on 9.5-10 MHz were 60 or
> more dB below their normal readings.

Maybe thats why I never heard either TN station !!

--

Bob 72/73

<http://www.qsl.net/w4ed>
W4ED x_AE4CA nr Atlanta @EM73wt
...."QRP", more from less....

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      /|
     / |
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From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
Message-ID: <970411175951_1985435242@emout19.mail.aol.com>
Subject: Re: SGC and the QRP-L bunch

Roger,

Thank you for contacting us about the SG-2020 transceiver.

We are familiar with your QRP group, and appreciate your input.
We are reading, and of course we do care.
We look forward to your input. Stay tuned to the web site for updates.

Regards,
Bob Gregg AB6CH
SGC

-----68DF7E3C27EB--

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [17131] Re: SLV coil mod N0TFI version
Message-ID: <334E6430.28BF@qsl.net>

I was wondering if anyone else had done this.

I built a homebrew SLV. I put threads on 3/4 inch
PVC that I had in the garage. I drilled two holes in
the bottom and two at the top of the threaded pipe. And
one large hole above the top two small ones. I anchored

some 20 Gauge magnet wire in the bottom hole and put a solderable lug on it. I tapped the coil every 15 turns, soldering on a new lug each time. When I got to the top I soldered the last lug after looping through the holes in the pipe for anchoring. I then took the twinlead through the larger drilled hole at the top and pulled it up and out of the pipe opening. After about 20 feet of slow going I reached the end of the twinlead and soldered it to the top lug of the coil.

I used an rf bridge at 7.04 MHz and obtained resonance about 30 turns from the top and a good match for the secondary (ground/radial connection) about 60 turns from the top.

It seems to work well, but I'm not done since I don't have the black widow etc.

Anyway, I thought I'd share my little test with the SLV.

73.

-Ed Loranger

--

72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
OHR-100, Pixie2, Johnson Viking II w/VF0.
mailto:we6w@qsl.net QRP-L member #1068.
<http://www.qsl.net/we6w>

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Scott Cranston <cranston@zk3.dec.com>
Subject: [17141] Re: SLV coil mod N0TFI version
Message-ID: <9704111705.AA23843@alpha.zk3.dec.com>

The book "Easy-Up Antennas for Radio Listeners and Hams" by Ed Noll (ISBN 067222495X), published by Sam, is I believe out of print (according to www.amazon.com anyhow). However, it has some many nice construction details on verticals made out of PVC. There are various center loaded, base loaded, some base and center loaded, some top-hat loaded flavors. There are single band and multiband flavors. The loading coils are all close wound with insulated wire with the multiband ones tapped in lots of places.

They are all pretty much the same concept as the SLV with the center loaded ones similar to the MMA SLV (but with *NO* where near the nice MMA coil).

There is info/diagrams in the book on making end fire and broadside file phased arrays from two verticals.

If you run across a copy and like vertical antenna building its a nice book to have.

Scott
KB1NW

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: "\"W. Kimura\"." <W.Kimura@valley.net>
Subject: [17079] RE: Star Wars Trivia - really NOT QRP related
Message-ID: <199704110001.UAA10708@norwich.valley.net>

Actually Luke was probably born on the same planet his sister Leia was.

At 07:31 PM 4/10/97 UT, you wrote:

>Gang,
>
>Sorry, Luke was RAISED on Tatooine - no word yet on where he was BORN.
>
>Ed - A QRPer and a Sci-Fi Fan (but then, aren't we all?).
>
>-----
>From: owner-qrp-1@Lehigh.EDU on behalf of Paul Harden
>Sent: Thursday, April 10, 1997 9:15 AM
>To: Low Power Amateur Radio Discussion
>Subject: Re: Star Wars Trivia - really NOT QRP related
>
>Luke Skywalker was born on "Tatooine" ???
>
>There's a QRP To The Field site for someone this year :-)
>
>Paul NA5N
>
>
>
>

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>

Subject: [17083] Re: Star Wars Trivia - really NOT QRP related
Message-ID: <334D84D7.F4E@postoffice.worldnet.att.net>

Bill Todd wrote:

>
> >Date: Wed, 09 Apr 1997 22:49:51 -0700
> >To: nwq-1@scn.org
> >From: Bill Todd <bill@techline.com>
> >Subject: Star Wars Trivia - really NOT QRP related
> >Cc: qrp-1@lehigh.edu
>
> >Does anyone know the name of the world where Luke Skywalker was raised?
>
> Gosh folks..I guess I get to win my OWN contest!
>
> I just located a Star Wars Web site and got the correct name of Luke
> Skywalker's home world. It was called "Tatooine".
>
> Better pack my bags for Backscratch (I already had the other 10 points
> for correctly figuring out this years' Income Tax form).
>
> CUL, Bill-N7MFB

Oh Darn it! I really wanted to see that buffalo chip flipping
championship! heh heh.

--

73 de
KC8DGU
Tom Isgro
OHIO

10-X #68364 QRP-L #945 ARS #203 FIST #2360
C.A.T.T #2115 NORCAL ARRL

From owner-qrp-1@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: Bill Todd <bill@techline.com>
Subject: [17089] Re: Star Wars Trivia - really NOT QRP related
Message-ID: <1.5.4.32.19970411015533.0069a1ac@mail.techline.com>

At 08:15 AM 4/10/97 -0600, you wrote:
>Luke Skywalker was born on "Tatooine" ???
>
>There's a QRP To The Field site for someone this year :-)
>
>Paul NA5N

Yes, that would be fun. Also, I was gonna try the Alderon planet, but I understand that said planet was removed from the star charts back in 77'.

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Fri Apr 11 18:04:02 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [17106] Re: Tuning headphones
Message-ID: <8D5A55B.00040021F9.uuout@cheaha.com>

-> Let me add a comment here as well. Most headphones are fed "in
-> phase". I learned trick from somewhere to take apart one side of the
-> headphones and reverse the wires on just one of the speakers. This
-> causes the other side to be fed "out of phase" (the authors words not
-> mine!) and makes the CW sound like it is inside your head instead of
-> external. I know this sounds bizarre, but I tried it on a pair of
-> stereo phone and it worked!

Interesting. I'd been wracking my brain trying to come up with a pair of headphones that would be good for CW *and* comfortable. Found some old surplus headphones and bought 3-4 pair for a dollar a piece. Heavy, military-type...but full-ear coverage, nice "acoustics chamber", and good ear pads. Anyhow, they had the funky military plugs and I needed 1/8" plugs. Whack! Off goes the plug. Well, it looked like each speaker had a separate pair of wire going to them so I just bundled them together...one bundle for the pin and one for the ground. Shrink-tubing over the splice and thinkgs look nice. Worked great! Good phones for a buck!!!! :) So, don't overlook those unsitely military phones (the set I ended up using had one of those mouth microphones on it and it got whacked off too!<g>). FWIW.

72/73
Ed Welch KF4KRV
NorCal Member #???
1st Grand Poobah ScQRPion of Alabama
QRP-L #873 - FISTS #2964
Luverne, Alabama

Crenshaw County - Grid EM61

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+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <